

**DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HIGH EFFICIENCY SORTING CONVEYOR the specification of which (check applicable box(es)):

is attached hereto.
 was filed on February 14, 2000 as U.S. Application Serial No.09/504,052
 was filed as PCT international application No. PCT/ / on and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s):
Application Number

MAY 18 2000 Country

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

Prior Provisional Application(s):
Application Serial No.

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):
Application Serial No.

Date/Month/Year Filed

Status: patented,
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1) Inventor's Signature

Date **X 11 May '00**

Inventor's Name (typed)

First	David	Family Name	USA
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Residence (City)

Charlotte State/Foreign Country) North Carolina

Post Office Address

7000 Sugar Loaf Court Zip Code 28217

2) Inventor's Signature

Date **X 12 May '00**

Inventor's Name (typed)

First	David	Family Name	USA
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Residence (City)

Concord State/Foreign Country) North Carolina

Post Office Address

6012 Israel Drive Zip Code 28205

3) Inventor's Signature

Date

Inventor's Name (typed)

First	Middle Initial	Family Name	Citizenship
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Residence (City)

State/Foreign Country)

Post Office Address

Zip Code

FOR ADDITIONAL INVENTORS, check box and attach sheet with same information and signature and date for each.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

MAY 18 2000

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STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c))—SMALL BUSINESS CONCERNDocket Number (Optional)
3308-033

Applicant, Patentee, or Identifier: J. David Fortenberry et al.

Application or Patent No.: 09/504,052

Filed or Issued: February 14, 2000

Title: HIGH EFFICIENCY SORTING CONVEYOR

I hereby state that I am

the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN Mantissa Corporation

ADDRESS OF SMALL BUSINESS CONCERN 616 Pressley Road

Charlotte, North Carolina 28217

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to: Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, DC 20416.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

the specification filed herewith with title as listed above.
 the application identified above.
 the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

no such person, concern, or organization exists.
 each such person, concern, or organization is listed below.

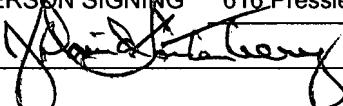
Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING J. David Fortenberry

TITLE OF PERSON IF OTHER THAN OWNER President

ADDRESS OF PERSON SIGNING 616 Pressley Road, Charlotte, North Carolina 28217

SIGNATURE  DATE X 11 May 00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Client Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.